

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013519

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03F7/20 G02B13/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03F H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 245 984 A (NIKON CORPORATION) 2 October 2002 (2002-10-02)	1, 2, 5, 7, 9, 16-20, 23, 29, 32-36, 38, 39, 50, 52-54
A	abstract paragraph '0027! figure 1 claim 1 table 1	45, 47
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

2 September 2005

Date of mailing of the international search report

07/10/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 1 139 138 A (NIKON CORPORATION) 4 October 2001 (2001-10-04) abstract figure 1 table 1	54 1, 5, 33, 35, 36, 38, 39, 45, 47, 50, 52, 53
X A	US 5 969 803 A (MERCADO ET AL) 19 October 1999 (1999-10-19) abstract	54 1, 45, 47, 50, 52, 53

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013519

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1245984	A	02-10-2002	JP 2002287023 A	03-10-2002
			CN 1376949 A	30-10-2002
			EP 1245984 A2	02-10-2002
			TW 521321 B	21-02-2003
			US 2003007138 A1	09-01-2003
EP 1139138	A	04-10-2001	WO 0123933 A1	05-04-2001
			EP 1139138 A1	04-10-2001
			US 6606144 B1	12-08-2003
			WO 0123935 A1	05-04-2001
			WO 0123934 A1	05-04-2001
			US 2003147061 A1	07-08-2003
			US 2003206282 A1	06-11-2003
US 5969803	A	19-10-1999	TW 418343 B	11-01-2001
			NONE	